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NEC

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NEC MultiSync® EA231WMi

Fully featured office monitors with superior display quality and ecological performance

- 23 Wide (16:9) IPS technology for excellent image quality with full HD support
- Ecologics and Ergonomics complying to the latest standards incl. EPEAT Gold
- Information on Carbon Footprint with unique integrated Carbon Meter
- Ambient light sensor for optimized brightness levels
- ErgoDesign®: Height adjustable stand (110 mm) with 90° Pivot features

see more.

NEC Display Solutions

NEC MultiSync® EA231WMi

TECHNICAL SPECIFICATIONS

Panel Technology	IPS TFT
Screen Size [inch/cm]	23.0 / 58.4
Pixel Pitch [mm]	0.265
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1) 178 horizontal / 178 vertical (typ. at contrast ratio 5:1)
Screen Aspect Ratio	16:9
Contrast Ratio (typ.)	1000:1
Brightness (typ.) [cd/m²]	270, (300 max)
Response Time (typ.) [ms]	14
Colours [Mio.]	16.77
Horizontal Frequency [kHz]	30 - 83
Vertical Frequency [Hz]	50 - 75
Optimum Resolution	1920 x 1080 at 60 Hz
Supported Resolutions	1920 x 1200; 1600 x 1200; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 768; 1152 x 864; 1024 x 768; 800 x 600; 640 x 480
Connectors	Digital: 1 x Display Port; Digital: 1 x DVI-D (with HDCP); Analog: 1 x mini D-sub 15 pin; Analog: USB (1 up; 4 down)
Plug & Play	VESA DDC/CI; DDC2B/2Bi; EDID Standard
Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Auto Brightness; Colour Temperature Control; Contrast; DV Mode; EcoMode; Fine Adjust (analog); Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; Power-Off Timer; sRGB
Safety and Ergonomics	EPEAT Silver™; EPEAT™ Gold (black version); CE; TCO 5.0; TÜV Ergonomics; TÜV GS; GEEA/Energy Label; Energy Star 5.0; FCC Class B; PCT/Gost; UL/C-UL or CSA; CCC; ISO 13406-2 (pixel failure class II); MPR II/ MPR III; RoHS
Power Consumption on Mode [W]	43 (typ.); 33 (Eco Mode)
Stand-by Mode [W]	< 0.5
Power Supply	100-120 V/220-240 V; 1.05 A/0.55 A; integrated power supply
Ambient Temperature (operating) [°C]	+5 to +35
Ambient Humidity (operating) [%]	20 to 80
VESA Mounting [mm]	100 x 100
ErgoDesign®: Height adjustable Stand [mm]	110
Screen Tilt / Swivel / Rotate [°]	-5 to +30 / -170 to +170 / 0 to 90 (landscape to portrait mode)
Dimensions (W x H x D) [mm]	550 x 379 x 220
Bezel Width [mm]	19.0
Cable Management	yes
Kensington Lock	yes
Benefits	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; integrated USB Hub; NaViSet®and NaViSet®Administrator compatible; sRGB Support; TORO™ Design; WindowsVistaCertifiedLogo
Audio Functions	1W + 1W (De-activateable)
Colour Versions	Silver Front Bezel; White Back Cabinet Black Front Bezel, Black Back Cabinet
Shipping Content	Monitor; Power Cable; Signal Cable DVI-D - DVI-D; Signal Cable VGA - VGA; USB Cable; CD-ROM; Sales Office List; User Manual
Warranty	3 years warranty incl. backlight

All hardware and software names are brand names and/or registered trademarks of the respective manufacturers. All rights reserved. All specifications are subject to change without notice. 010/09

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